

Form PTO-1449
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U.S. DEPARTMENT OF COMMERCE
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INFORMATION DISCLOSURE CITATION
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ATTORNEY DOCKET
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128410-2 (MHM
13865US02)

SERIAL NO.

10/713,514

APPLICANT:

Anderson, et al

FILING DATE

Herewith
11/14/2003

GROUP
ART UNIT:

2862-2863

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FL	3,983,474	9/28/76	Kuipers	324	207.18	
	4,054,881	10/18/77	Raab	342	448	
	4,109,199	8/22/78	Ball, et al	324	202	
	4,316,866	9/23/86	Blood	264	157	
	4,642,786	2/10/87	Hansen	702	153	
	4,737,794	4/12/88	Jones	342	448	
	4,742,356	5/3/88	Kuipers	342	448	
	4,849,692	7/18/89	Blood	324	207.26	
	4,945,305	7/31/90	Blood	324	207.17	
	5,172,056	12/15/92	Voisin	324	207.17	
	5,307,072	4/26/94	Jones, Jr.	324	147	
	5,453,686	9/26/95	Anderson	324	207.17	
	5,558,091	9/24/96	Acker et al.	600	424	
	5,600,330	2/4/97	Blood	342	463	
	5,640,170	6/17/97	Anderson	343	895	
	5,767,669	6/16/98	Hansen et al.	324	207.12	
	5,967,980	10/19/99	Ferre et al.	600	424	
	6,073,043	6/6/00	Schneider	600	424	
	6,095,150	8/1/00	Panescu et al.	128	899	
	6,172,499	1/9/01	Ashe	324	207.12	
	6,177,792	1/23/01	Govari et al.	324	207.12	
	6,188,355	2/13/01	Gilboa	342	448	
	6,223,066	4/24/01	Govari	600	424	
	6,233,476	5/15/01	Stommer et al	600	424	
	6,226,547	5/1/01	Lockhart et al.	600	424	
	6,246,231	6/12/01	Ashe	324	207.17	

EXAMINER

John Se

DATE CONSIDERED

10/30/04

*EXAMINER: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

JL ↓ ✓	6,636,757	10/21/03	Jascob, et al	600	424	
	2001/0047133	11/29/01	Gilboa et al.	600	428	
	5,646,524	7/97	Gilboa	324	207.17	
	6,380,732	4/02	Gilboa	324	207.17	
	6,427,079	7/02	Schneider et al.	600	424	
	6,534,982	3/03	Jakab	324	318	
	6,615,155	9/03	Gilboa	702	150	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
JL	WO 01/69594 A1	9/20/01	PCT	—	—	✓	
JL	WO 00/36428-A1	6/22/00	PCT	—	—	✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JL ↓ ✓	"A Source of Accurately Calculable Quasi-Static Magnetic Field," by Peter Traneus Anderson (October, 2001)
	Jackson, John D. "Classical Electrodynamics" (1975)
	Brogan, William L. "Modern Control Theory" (1991)
	Horn, Berthold "Closed-form solution of absolute orientation using unit quaternions" J.Op Soc. Am., Vol. 4 April 1997
	Raab, Frederick H. "Quasi-static magnetic field technique for determining position and orientation." IEEE Transactions on Geoscience and Remote Sensing, Vol. GE-19, October 1981 (pages 235-243)
	Smythe, William R. "Static and Dynamic Electricity" (1989) (pages 333 and 415)
	Zachmann, Gabriel "Distortion correction of magnetic fields for position tracking" Computer Graphics Int'l (CGI 1997)
	Anderson, "An electromagnetic tracking system using printed circuit coils," from IEEE Antennas and Propagation Society International Symposium, 2001, Vol 1, pp 304-307, July 2001
	Plotkin and Paperno, "3D magnetic tracking of a single subminiature coil with a large 2D array of Uniaxial transmitters," IEEE Transactions on Magnetics, Col. 39 no. 5, Sept. 2003, pp 3295-3297
EXAMINER	DATE CONSIDERED
John Se	10/30/04

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